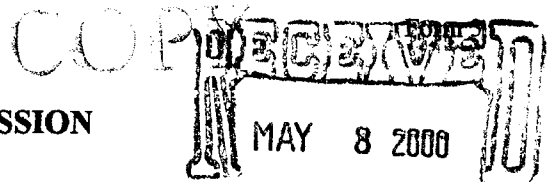


STATE OF ILLINOIS  
ILLINOIS COMMERCE COMMISSION



Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d).

Date: April 18, 2000

X-11389

To the ILLINOIS COMMERCE COMMISSION:

The petitioner Norfolk Southern Railway Company shows

(1) That it is a railroad company operating a line of railroad in the State of Illinois.

(2) That petitioner proposes and hereby makes application for authority to make a major change in crossing protection, or to install new protection, under 92 Illinois Administrative Code 1535.400 (d) adopted by this Commission.

(3) That the location of the crossing, the nature of protection now established and proposed to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.

(4) That petitioner's reasons and purpose, with reference to its said proposal are to:

Installation of Flashing Light Crossing Signals with Gates and 12" lenses. Front and back lamp  
assemblies on both signal masts at: White City Rd. in Sawyerville, Macoupin County, Illinois.  
DOT: 175 346L, Milepost: UP-113.43 DOT Project No. C-98-031-98  
File NO. 061-04.462 S&E Project No. 04.0425

(5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

**WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for hearing, and that the Commission enter an order or adopt at resolution consenting to and granting authority for the making of the said proposed changes in or additions to crossing protection.**

Norfolk Southern Railway Company

By \_\_\_\_\_

R. H. Ray, Administrator  
Highway Grade Crossings

Thomas W. Ambler  
(Attorney for Petitioner)

Norfolk Southern Corporation  
Three Commercial Place  
Norfolk, VA 23510-2191  
(Attorney's Address)

DOCKETED

**Statement, attached to and part of an application for permission to make a major change in crossing protection or to install new protection, under 92 Illinois Administrative Code 1535.400(d).**

1. Name of Railroad Company Norfolk Southern Railway Company
2. Crossing Number 175 346L
3. Village or City Sawyer ville
4. Name of Street or Highway White City Rd.
5. Public Agency Maintaining Highway County
6. Protection now established:  
Cross bucks
7. Protection desired:  
Automatic flashing light warning devices with gates and Bell controlled with constant warning time  
circuitry.
8. Number of main tracks One Other tracks None
9. Number of passenger movements:  
6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
10. Number of freight train movements:  
6 a.m. to 6 p.m. Unknown 6 p.m. to 6 a.m. Unknown
11. Approximate number of switch movements:  
6 a.m. to 6 p.m. Unknown 6 p.m. to 6 a.m. Unknown
12. Maximum speed of trains at crossing on each track in each direction:  
North/East 40 M.P.H.  
South/West 40 M.P.H.
13. Passenger platforms served by tracks within the limits of track circuits, if any None

14. Where automatic signals or gates are proposed, approximate number of train or engine movements daily which would cause false indications or operation:

None

15. Nature and approximate amount of street or highway traffic over crossing:

250 including Cars, Trucks and Buses

16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:

- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
- (d) Where automatic protection is proposed, show proposed location of signals (side lights, cantilevers, etc., if any).
- (e) Show the length of each operating track section within the control limits of the crossing protection and its function.

#### **ADDITIONAL INFORMATION**

Drawing attached for question no. 16

(File Original and Two Duplicates)

**VERIFICATION**

I, R. H. Ray, first being duly sworn upon oath depose and say that I am  
Administrator - Highway Grade Crossings, of Norfolk Southern Railway Company,  
a Virginia corporation; that I have read the above and foregoing petition by me subscribed and  
know the contents thereof; that said contents are true in substance and in fact, except as to those  
matters stated upon information and belief, and as to those, I believe same to be true.

Subscribed and sworn to before me this 18<sup>th</sup>  
day of April 20 00.

Administrator - Highway Grade Crossings

M. E. Peterson

Mattie M. Gray-Peterson  
Notary Public - Georgia

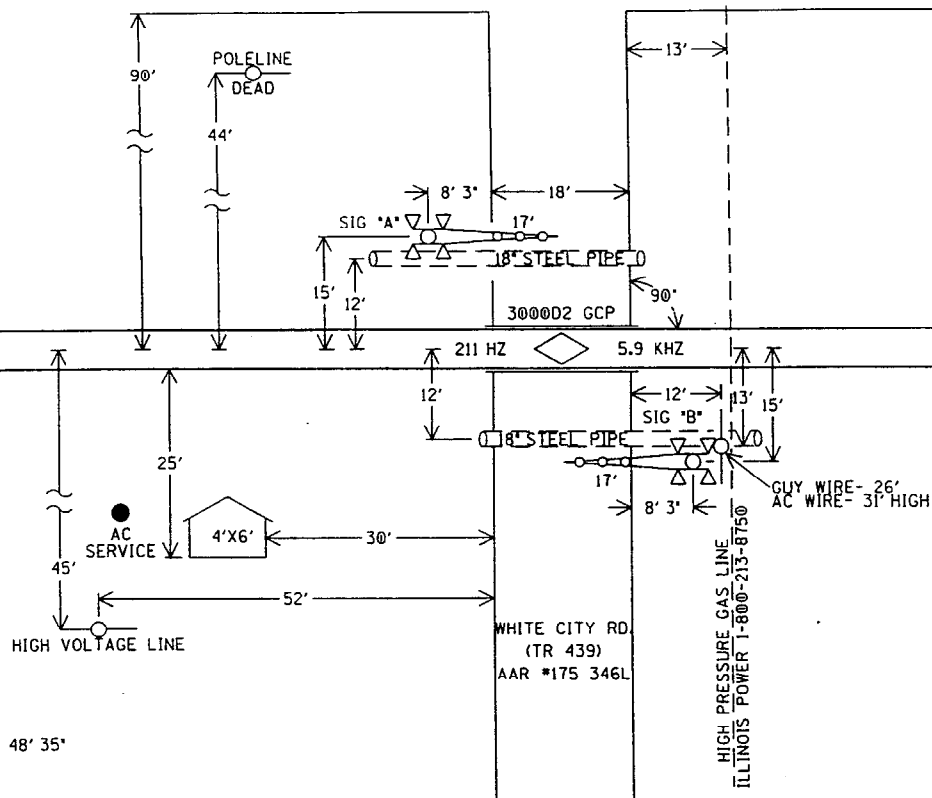
My Commission Expires: May 23, 2000

TO REMINGTON, IL

SR 4

TO JCT. SWITCH, IL

APPROACH LENGTHS ALLOW FOR:		
TIME IN SECONDS	CWT	
	E.B./W.B. APPROACH	
STANDARD MUTCD MIN. TIME	20	
DESIGNED WARNING TIME	26-30	
EQUIPMENT RESPONSE TIME	4	
TOTAL TIME	30	
MAX. SPEED (M.P.H.)	40	
APPROACH DISTANCE (FEET)	1752	



## NOTES:

1. MAX. TRAIN SPEED 40 M.P.H.
2. LATITUDE N 39° 04' 01" LONGITUDE W 89° 48' 35" ELEVATION 740'
3. RADIO COMBO #5
4. SIGNAL 'A' TO HAVE BELL.
5. CROSSING LOCATED IN MACOUPIN COUNTY.
6. NEAREST STREET ADDRESS IS N/A
7. NEAREST INTERSECTING STREET IS SR-4
8. THE STATE NEEDS TO EXTEND THE 18" STEEL PIPES IN THE NORTHEAST AND SOUTHWEST QUADRANTS.

*10' with proper fill, must*  
*P. 18-00*

IN SERVICE

SIGNED DATE

- ☐ S&E ENGINEERING COPY  
☐ CONSTRUCTION OFFICE COPY  
 RETURN TO S&E ENG. AFTER COMPLETION  
☐ FIELD COPY  
 RETURN TO CASE AFTER COMPLETION  
☐ PROJECT ENGINEER COPY

SCALE: 1" = 20'

PROJECT #04.0425

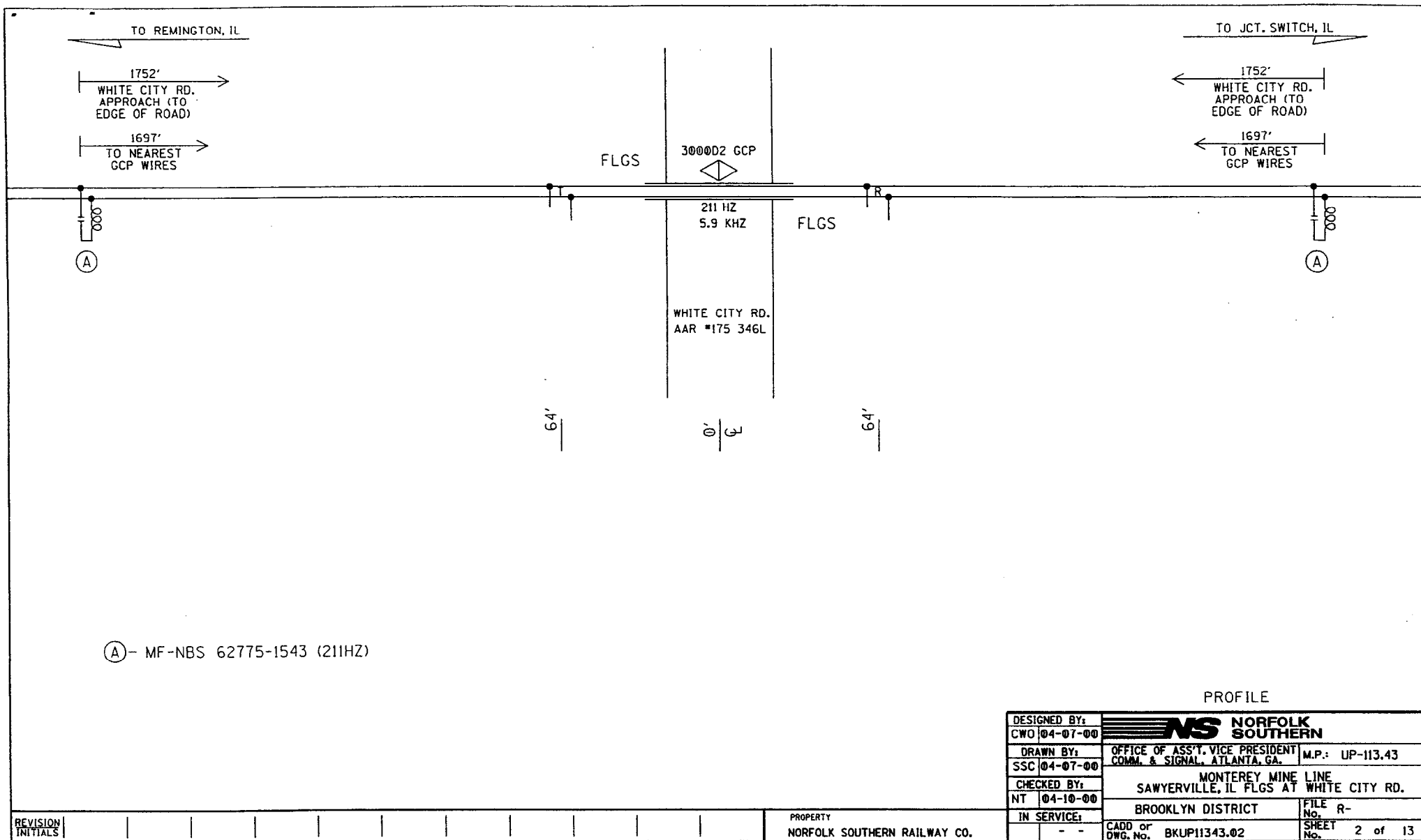
LAYOUT

FILE #061-04.462

DESIGNED BY: CWO 04-07-00	<b>NS NORFOLK SOUTHERN</b>	
DRAWN BY: SSC 04-07-00	OFFICE OF ASS'T. VICE PRESIDENT COMM. & SIGNAL, ATLANTA, GA.	M.P.: UP-113.43
CHECKED BY: NT 04-10-00	MONTEREY MINE LINE SAWYERVILLE, IL FLGS AT WHITE CITY RD.	
IN SERVICE: - -	BROOKLYN DISTRICT	FILE No. R-
	CADD or DWG. No. BKUP11343.01	SHEET No. 1 of 13

REVISION INITIALS

PROPERTY  
NORFOLK SOUTHERN RAILWAY CO.



**Detailed Estimate for Grade Crossing Warning Devices**

City/State: SAWYERVILLE, IL  
MilePost: UP-113.43  
State Proj. No.:  
S&E Proj. No.: 04.0425  
Man Days: 72

Road: WHITE CITY RD., TR-  
DOT/AAR: 175346L  
County: MACOUPIN  
AFE:  
File Number: 061-04.462

**\*\*\*Purchases - Other\*\*\***

Meals and Lodging:	\$4,530.00	
Rental of Equipment:	\$9,910.00	
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 18 Days)		
Construction Supervision Vehicle:	\$190.00	
Contingencies:	\$560.00	
Purchases - Other Total:		\$15,190.00

**\*\*\* Material and Additives\*\*\***

Material Cost:	\$52,720.00	
Sales and Use Tax:	\$2,640.00	
Material Handling Freight:	\$5,010.00	
Material Total:		\$60,370.00

**\*\*\*Labor and Additives\*\*\***

Labor Cost:	\$11,660.00	
(4 man crew at \$648.00 a day for: 18 days)		
Payroll Tax & Overheads:	\$10,100.00	
Preliminary Engineering:	\$3,090.00	
Construction Supervision:	\$3,290.00	
Labor Total:		\$28,140.00
Subtotal:		\$103,700.00
Credit:		\$0.00
(Salvage/Scrap)		
Project Total:		\$103,700.00

Estimated on 18-Apr-00

Estimated by: el9lb

**Estimate valid for 1 year from date of estimate**

# Highway Crossing Signalization Program - Material List

Do not substitute items without permission from S & E Engineering

City:	SAWYERVILLE
Road:	WHITE CITY RD., TR-439
Milepost:	UP-113.43
Drawing Number:	BKUP11343
State Project Number:	
County:	MACOUPIN
A A R Number:	175346L
Project Number:	04.0425
File Number:	061-04.462
A F E Number:	
Store Number:	
Supervisor:	R.L. SMITH
Tax Code:	1200
Vendor to supply the following copies after pricing:	
1 Set - Material Management with original invoice 2 Sets - with plans shipped in car with material 1 Set - S&E Gen. Supt. Construction w/ copy of invoice	

Apr 18, 2000



Location: SAWYERVILLE IL S&amp;E Proj No.: 04.0425

A/E No.:

Drawing No.:

BKUP11343

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Store No.:

P.O. Number:

Date Required:

Date Shipped:

Vendor : Safetran Systems Corp.

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Date	Quantity Date	Quantity Date	Quantity Returned (Credit)	Special Instructions
3	670-360693-4	EA	\$4.71	\$14.13	AARDOT NUMBER PLATE/DECAL, ORDER 3 PER PROJECT. 60 DAY LEAD TIME. SUPPLIED BY STRAN						
1	165-006505-4	EA	\$922.88	\$922.88	AC SERVICE, COMPLETE LESS METER BASE, ASSEMBLED ON 30' POLE						
2	670-001321-4	EA	\$241.02	\$482.04	ARM, GATE FIBERGLASS-ALUMINUM 17-24 FT., L&W OR US&S OR SAFETRAN 076600-240017 OR						
13	105-871901-4	EA	\$150.69	\$1,958.97	BATTERY, GNB 265AH MODEL 50A11 SINGLE CELL 2.25 VOLTS						
1	670-503047-4	EA	\$181.50	\$181.50	BELL, CROSSING ELECTRONIC GENERAL SIGNAL, EB-3-360-5 CR 02-044350						
2	670-169035-4	EA	\$1,803.00	\$3,606.00	BRACKET, GENERAL SIGNALS, INC. SK-1000, SPRING LOADED ADAPTOR FOR AL.GATES 28 OR LESS, NORMAL						
2	670-000977-4	EA	\$56.65	\$113.30	BRACKET, HIGH WIND SUPPORT HARMON @54-00139, SERRMI @50044 SAFETRAN 076203-518X						
300	465-292862-4	LF	\$0.98	\$294.00	CABLE, U-2-6 TWISTED, S-23 OKONITE 113-12-3933 SOLID TINNED CONDUCTOR						
300	465-292896-4	LF	\$1.03	\$309.00	CABLE, U-3-10 POWER SOLID BARE COPPER CONDUCTOR, 45 MILS OKOLENE INSULATION,						
300	465-292929-4	LF	\$2.93	\$879.00	CABLE, U.G. 5 COND. NO. 6 AWG SOLID COPPER CABLE TO MEET NS CORP. SPEC. FOR SIGNAL						
300	465-954727-4	LF	\$1.55	\$465.00	CABLE, UG 7 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 564 IN INSULATION 10 MIL FLAT						
80	165-544477-4	FT	\$1.95	\$156.00	CONDUIT, 4"x10' PVC, SCHEDULE 80 BELL CONNECTOR AT ONE END, 1/2 PT. GLUE IN KIT 670-123298-4						
3	165-299316-4	EA	\$16.50	\$49.50	CONDUIT, PVC CASE OUTLET 4 IN. X 29-1/2 IN. SCHEDULE-80 WITH 4 IN. COUPLING, CARLON E940N,						
2	670-090450-4	EA	\$48.49	\$96.98	CONNECTOR, WELDED FAR RAIL HARMON A1000-2W						

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Store No.: P.O. Number: Date Required: Date Shipped: Vendor : Safetran Systems Corp.

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
							Date	Date	Date		
						Quan.	Quan.	Quan.	Quan.		
2	670-486646-4	EA	\$39.73	\$79.46	CONNECTOR,WELDED NEAR RAIL HARMON A1000-1W						
2	670-793404-4	EA	\$819.21	\$1,638.42	COUNTERWEIGHT PKAGE, 17-24 GATE STRAN S- MECH ONLY, STAINLESS, TO INCLUDE HUB, SUPPORT ARMS						
3	670-080337-4	EA	\$0.71	\$2.13	DECAL, XING SIGNAL MALFUNCTION 11" X 4", GATE MOUNT						
3	670-077544-4	EA	\$0.53	\$1.59	DECAL, XING SIGNAL MALFUNCTION 6" X 6", MAST MOUNT						
1	670-986650-4	EA	\$353.00	\$353.00	DISPOSAL, CONSTRUCTION DEBRIS AND CLEANING XING EQUIPMENT CONTAINER						
8	670-000003-4	EA	\$250.00	\$2,000.00	FILLSTONE #57, QUANTITY IS BASED ON TRUCK LOAD PLUS DELIVERY COST						
2	670-015231-4	EA	\$372.96	\$745.92	FOUNDATION,DIXIE,S-2 GATE 56" ASSEMBLED						
1	670-477991-4	EA	\$286.11	\$286.11	KIT, GROUNDING ASSY FOR AL I/S INCLUDES 8 GRD RDS,200#4WIRE,12 4 WIRE ONE-SHOTS, ERICO SBK206						
1	670-123298-4	EA	\$165.36	\$165.36	KIT, HARDWARE SUPPLIES REQUIRED XING PKGAGES, TAPE, AMPS,P/GUM PAINT,SLEEVES,TAGS,GLUE, ETC...						
2	670-764166-4	EA	\$886.35	\$1,772.70	LAMP ASSY, 5" MAST MTG, 2W IND, 20" BKGRD, FLX-12 W/BULB STRAN #042003-487XNS						
6	165-643547-4	EA	\$8.24	\$49.44	LAMP, 18 WATT 10 VOLT S-11 SC BAY 18S11/1SC CLEAR RMY SIGNAL UJ-71463 GE						
4	255-590880-4	EA	\$15.26	\$61.04	LOCK, AMERICAN LOCK MODEL H-10KA KEYED ALIKE TO PRIVATE KEYWAY D456 AND STAMPED "NS SIG"						
2	670-001123-4	EA	\$984.68	\$1,969.36	MAST, 5" ALUMINIUM 13'10" WITH SINGLE JCT. BOX BASE W/RODENT PL HARMON @250550-002, SERRMI A6071						
2	670-696127-4	EA	\$2,830.75	\$5,661.50	MECHANISM, GATE MODEL S40, COMPLETE W/RELAY STRAN # 074000-W0000097						

Location: SAWYERVILLE IL S&amp;E Proj. No.: 04.0425

AFE No.:

Drawing No.: BKUP11343

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Store No.: P.O. Number:

Date Required:

Date Shipped:

Vendor : Safetran Systems Corp.

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
							Date	Date	Date		
1	670-499590-4	EA	\$2,324.00	\$2,324.00	MONITOR, HIGHWAY XING, DEMA-NS8NR W/DUAL SENSOR, NO RADIO, INCLUDES WIRING AND INSTALLATION						
4	670-001347-4	EA	\$56.65	\$226.60	PACKAGE, HARDWARE SIGN 5 IN. MOUNTING, SERRMI A1250-5, HARMON @200965-000, OR						
1	255-646807-4	EA	\$9.27	\$9.27	PADLOCK, SAFETRAN PART NO. 030399-29X SCREW TYPE FOR CIR CONTROLLER AND BTY. BOX						
1	670-514605-4	EA	\$8.24	\$8.24	PINNACLE, W-C SECT 1-11, 4" & 5" REF K1 110-8 OR SAFETRAN NO. @035045-503X						
1	670-166532-4	EA	\$137.50	\$137.50	PROTECTOR, SURGE 3-WIRE PLUS GRD 120/240 JOSLYN ELECTRONICS 1259-21-A FOR US AC BREAKER PANEL						
1	610-352470-4	EA	\$357.50	\$357.50	RADIO, RITRON, FREQUENCY COMBO #5, CH 1 = 160.440MHZ, CH 2 = 161.250MHZ.						
4	465-002899-4	EA	\$20.40	\$81.60	REEL, CABLE DISPOSABLE FOR CROSSING SIGNAL PACKAGES						
1	670-907448-4	EA	\$4,264.00	\$4,264.00	SHELTER, ALUM. 4X6 BARE FOR WIRED RACK, INCLUDES TELESCOPIC FOUNDATIONS & LOADING INTO CONTER						
2	670-586967-4	EA	\$33.95	\$67.90	SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT						
2	670-652773-4	EA	\$459.80	\$919.60	SHUNT, MULTI-FREQ. #62775-1543 SAFETRAN NARROW BAND						
2	670-806648-4	EA	\$55.13	\$110.26	SIGN, X-BUCK, LESS HARDWARE, SAFETRAN 035200-X CR 02-490546						
2	670-751511-4	EA	\$34.77	\$69.54	SIGN, "1" TRACK, LESS HARDWARE SAFETRAN# 035207-1X						
2	670-006438-4	EA	\$10.30	\$20.60	TAPE, 4" X 96" REFLECTIVE APPLY TO BACK OF X-BUCK SIGN, ONLY IN IA., IN., IL., AL. 035200-555X						
1	670-330382-4	RL	\$10.50	\$10.50	TAPE, THOR 3" DURATEC, ORANGE 1000' LENGTHS, "WARNING STOP DIGGING"						

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Installed					Quantity Returned (Credit)	Special Instructions
						Quantity Shipped	Date	Quan.	Date	Quan.		
1	670-633408-4	EA	\$19,797.20	\$19,797.20	WIRED RACK, ALUM, XING EQUIP WITH 1 TRK 3000D2 GCP, 20 AMP XING CONT,CHARGER & SURGE PANELS							

Total Material \$52,718.64